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COUNTY OF LOS ANGELES  
DEPARTMENT OF HEALTH SERVICES  
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April 15, 2003

TO: Each Supervisor

FROM: Thomas L. Garthwaite, MD  
Director and Chief Medical Officer

Jonathan E. Fielding, MD, MPH  
Director of Public Health and Health Officer

SUBJECT: **BI-WEEKLY UPDATE ON MRSA IN JAIL AND MSM**

On February 11, 2003 your Board requested that the Department of Health Services provide an update on the methicillin resistant staphylococcus aureus (MRSA) and syphilis outbreaks, including the provision information about MRSA at all newborn facilities and the County's jail Intake Center. This is to provide an update to the report of March 24, 2003.

**Update on MRSA in the Los Angeles County Jail**

Revised counts of MRSA infections in the Los Angeles County Jail for January and February 2003 are 106 and 94 respectively. A preliminary count for March is 125 (the increase may be due to increased surveillance for MRSA after Medical Grand Rounds encouraging wound cultures was given by Public Health to Jail physicians in early March). No deaths were reported.

The Public Health-Jail MRSA Task Force met on April 14<sup>th</sup> to review progress made in implementing the recommendations made by Public Health for the control of MRSA. Facilities within the Jail (9) gave an overview of the policies and procedures that have developed for MRSA. Staff have been extensively educated on MRSA with videos, fact sheets, and in-services. All inmates are shown videos about MRSA and wound infections while they are in the Inmate Receiving Center (IRC). The videos are currently being distributed throughout the jail and a fact sheet for inmates is being developed by Public Health. Inmates are being screened for skin infections upon admission to the Jail and are referred to medical care if a wound infection is identified. Individual facilities have developed guidelines for environmental cleaning, identifying infected contacts of inmates with MRSA, and increasing linen exchange for those exposed to MRSA. However, there are significant logistical barriers to increasing linen exchange for all inmates. Finally, inmates with planned release dates who are undergoing treatment for MRSA are being referred by the Community Transition Unit for medical care after discharge from the Jail.

A barrier to the appropriate treatment and control of MRSA is that inmates are sent out to the Emergency Room at LAC-USC for initial wound care (incision and drainage) because there is not enough trained staff in the medical clinics at the Jail to perform the procedures.

Public Health continues to monitor the number of skin infections each month and provides ongoing consultations with staff from the Jail.

#### Risk Factors for MRSA Infections Among Men Who Have Sex with Men (MSM)

Interviews are continuing in the case control study to identify risk factors for MRSA among men who have sex with men (MSM).

#### MRSA in the Community

Public Health has updated the fact sheet on MRSA for healthcare providers based on additional antibiotic testing at the Centers for Disease Control and Prevention (CDC). Public Health is currently working on guidelines for the control of MRSA for facilities with shared equipment (gymnasiums, bath-houses, steam rooms, etc.).

#### Syphilis Among MSM

While the number of Early Syphilis cases (see attachment) in the first quarter of 2003 (n=73) compared to 2002 (n=155) appears to have declined it is too early to conclude that the epidemic is declining or that it has even reached a plateau. This decline may be an artifact due to delays in reporting and investigations that are open and are being investigated by program and district Public Health Investigators and Public Health Nurses. Approximately 600 reports received in 2003 are pending investigation and approximately 75 reports remain open and under investigation from 2002. The STDP anticipates that a trend will become apparent by the end of the 2<sup>nd</sup> quarter of 2003. Attached please find the DHS STDP Early Syphilis Surveillance Summary through the first quarter of 2003 (March 31, 2003).

The Public Health-Jail MRSA Task Force meets monthly to review progress made in implementing the recommendations made by Public Health. The STD program routinely prepares a monthly report on progress in reducing the incidence of syphilis. Since conditions in these two areas of concern do not change so rapidly, therefore a monthly report would provide your Board more meaningful information. If you have any questions or need additional information, please let either of us know.

TLG:JEF:eb  
304:003

Attachment

Chief Administrative Officer  
County Counsel  
Executive, Board of Supervisors

## Early Syphilis Surveillance Summary, Los Angeles County as of 03/31/03

Table 1 Early Syphilis - All Cases	2003				2002 (YTD)				2002 (Provisional)				2001			
	P&S		Early Latent		Total ES		P&S		Early Latent		Total ES		P&S		Early Latent	
	N		N		N		N		N		N		N		N	
<b>Morbidity</b>																
Total	36	35	73	(100.0)	72	83	155	(100.0)	362	341	703	(100.0)	199	223	422	(100.0)
<b>Gender</b>																
Male	35	29	64	(87.5)	67	70	137	(89.5)	343	298	641	(91.2)	185	185	350	(82.9)
Female	3	6	9	(12.5)	5	13	18	(11.5)	19	43	62	(8.8)	12	57	69	(16.5)
Transgender: M to F	-	-	-	(0.0)	-	-	-	(0.0)	-	-	-	(0.0)	2	1	3	(0.7)
<b>Sexual Orientation <sup>1</sup></b>																
MSM	13	15	28	(38.3)	44	45	89	(57.4)	257	206	463	(65.8)	125	84	209	(49.5)
MSM/W	-	2	2	(2.7)	4	3	7	(4.5)	26	12	38	(5.4)	10	5	15	(3.5)
MSW	5	4	9	(12.3)	11	9	20	(12.9)	29	42	71	(10.0)	30	43	73	(17.3)
WSM	2	4	6	(8.2)	4	9	13	(8.3)	17	34	51	(7.2)	8	47	55	(13.0)
WSW	-	-	-	(0.0)	-	-	-	(0.0)	-	-	-	(0.0)	-	2	2	(0.4)
WSW/M	-	-	-	(0.0)	-	-	-	(0.0)	-	-	-	(0.0)	-	1	1	(0.2)
TG/STG	-	-	-	(0.0)	-	-	-	(0.0)	-	-	-	(0.0)	-	-	-	(0.0)
Refused	-	-	-	(0.0)	3	1	4	(2.5)	2	1	3	(0.4)	4	6	10	(2.3)
Unknown	18	10	28	(38.3)	6	16	22	(14.1)	31	46	77	(10.9)	20	34	54	(12.7)
<b>HIV Positive <sup>1</sup></b>																
Yes	8	8	16	(21.9)	27	33	60	(38.7)	161	147	328	(46.6)	71	64	135	(31.9)
No	12	12	24	(32.8)	24	22	46	(29.6)	123	102	225	(32.0)	63	70	133	(31.5)
Unknown	16	15	33	(45.2)	21	28	49	(31.6)	58	92	150	(21.3)	65	89	154	(36.6)
<b>Race/Ethnicity</b>																
White	16	11	27	(36.3)	30	23	53	(34.1)	168	106	274	(38.9)	69	42	111	(26.3)
Afr.-Amer.	4	8	12	(16.4)	10	10	20	(12.9)	56	49	105	(14.9)	41	31	72	(17.0)
Latino/a	14	12	26	(35.6)	27	44	71	(45.8)	115	161	276	(39.2)	78	135	213	(50.4)
Asian/Pac. Is.	1	2	3	(4.1)	3	4	7	(4.5)	12	11	23	(3.2)	7	5	12	(2.8)
Am. Ind./Alas. Nat.	-	-	-	(0.0)	-	-	-	(0.0)	1	2	3	(0.4)	-	1	1	(0.2)
Other/Mixed	1	-	1	(1.3)	-	-	-	(0.0)	-	1	1	(0.1)	1	-	1	(0.2)
Unknown	2	2	4	(5.4)	2	2	4	(2.5)	10	11	21	(2.9)	3	9	12	(2.8)
<b>Age Group</b>																
<15	-	-	-	(0.0)	-	-	-	(0.0)	1	-	1	(0.1)	-	3	3	(0.7)
15-19	-	1	1	(1.3)	1	1	2	(1.2)	6	12	18	(2.5)	7	9	16	(3.8)
20-24	4	10	14	(18.9)	5	16	21	(13.5)	28	43	71	(10.0)	19	18	37	(8.7)
25-29	6	5	11	(15.0)	16	9	25	(16.1)	41	41	82	(11.6)	29	32	61	(14.4)
30-34	7	3	10	(13.6)	10	12	22	(14.1)	71	67	138	(19.6)	43	53	96	(22.7)
35-39	4	6	10	(13.6)	17	19	36	(23.2)	89	68	157	(22.3)	48	54	102	(24.1)
40-44	6	5	11	(15.0)	11	10	21	(13.5)	63	59	122	(17.3)	27	25	52	(12.3)
45-49	5	4	9	(12.3)	6	10	16	(10.3)	35	24	59	(8.3)	17	13	30	(7.1)
50-54	3	-	3	(4.1)	5	3	8	(5.1)	19	17	36	(5.1)	6	6	12	(2.8)
55-59	1	-	1	(1.3)	1	2	3	(1.9)	5	7	12	(1.7)	1	6	7	(1.6)
60+	2	1	3	(4.1)	-	1	1	(0.6)	4	3	7	(0.9)	2	4	6	(1.4)

<sup>1</sup> Note: MSM refers to men who have sex with men; MSM/W is men who have sex with men and women; MSW is men who have sex with women; WSM refers to women who have sex with men; WSW is women who have sex with women; WSW/M is women who have sex with women and men. TG/STG refers to male-to-female (M to F) transgenders or to men or women who have sex with M to F transgenders.

Early Syphilis Surveillance Summary, Los Angeles County as of 03/31/03

Table 2 Early Syphilis - SPA and Health District of Residence		2003				2002 (Provisional)				2001									
		P&S		Early Latent		Total ES		P&S		Early Latent		Total ES		P&S		Early Latent		Total ES	
		N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
SPA	District																		
SPA 1 - ANTELOPE VALLEY	Other/Unknown	-	-	-	-	3	4	7	(0.3)	1	-	1	(0.2)						
	SPA Total	-	-	-	-	3	4	7	(0.3)	1	-	1	(0.2)						
SPA 2 - SAN FERNANDO VALLEY	District																		
	East Valley	2	2	4	(5.4)	15	17	32	(4.5)	11	7	18	(4.2)						
	Glendale	-	-	-	-	8	7	15	(2.1)	3	5	8	(1.4)						
	San Fernando	2	1	3	(4.1)	4	11	15	(2.2)	2	4	6	(1.4)						
	West Valley	1	1	2	(2.7)	13	14	27	(3.4)	9	7	16	(3.2)						
	SPA Total	5	4	9	(12.3)	40	49	89	(12.6)	25	23	48	(11.3)						
SPA 3 - SAN GABRIEL	District																		
	Alhambra	-	-	-	-	3	2	5	(0.7)	1	2	3	(0.7)						
	El Monte	-	1	1	(1.3)	3	5	8	(1.1)	4	9	13	(3.0)						
	Foothill	-	-	-	-	3	-	3	(0.4)	2	1	3	(0.7)						
	Pomona	-	1	1	(1.3)	5	6	11	(1.5)	5	10	15	(3.5)						
	SPA Total	-	2	2	(2.7)	14	13	27	(3.4)	12	22	34	(8.0)						
SPA 4 - METRO	District																		
	Central	11	3	14	(19.1)	43	60	103	(14.6)	24	29	53	(12.5)						
	Northeast	2	2	4	(5.4)	5	14	19	(2.7)	13	11	24	(5.6)						
	Hollywood/Wilshire	13	13	26	(35.6)	155	102	257	(34.5)	50	45	95	(22.5)						
	SPA Total	26	18	44	(60.1)	203	176	379	(51.9)	87	85	172	(40.7)						
SPA 5 - WEST	District																		
	West	2	1	3	(4.1)	28	12	40	(5.6)	12	6	18	(4.2)						
	SPA Total	2	1	3	(4.1)	28	12	40	(5.6)	12	6	18	(4.2)						
SPA 6 - SOUTH	District																		
	Compton	1	2	3	(4.1)	5	8	13	(1.8)	5	10	15	(3.5)						
	South	-	-	-	-	5	7	12	(1.7)	1	3	4	(0.9)						
	Southeast	-	1	1	(1.3)	5	5	10	(1.4)	7	5	12	(2.8)						
	Southwest	2	3	5	(6.8)	11	16	27	(3.8)	11	13	24	(5.6)						
	SPA Total	3	6	9	(12.3)	26	36	62	(8.8)	24	31	55	(13.0)						
SPA 7 - EAST	District																		
	East Los Angeles	2	-	2	(2.7)	4	1	5	(0.7)	4	6	10	(2.1)						
	Whittier	-	-	-	-	2	10	12	(1.7)	5	2	7	(1.6)						
	Bellflower	-	-	-	-	5	3	8	(1.1)	3	8	11	(2.5)						
	San Antonio	-	-	-	-	9	6	15	(2.1)	3	11	14	(3.3)						
	SPA Total	2	-	2	(2.7)	20	20	40	(5.6)	15	27	42	(9.9)						
SPA 8 - SOUTH BAY	District																		
	Harbor	-	-	-	-	3	7	10	(1.4)	1	1	2	(0.4)						
	Inglewood	-	2	2	(2.7)	11	13	24	(3.4)	7	7	14	(3.3)						
	Torrance	-	1	1	(1.3)	8	3	11	(1.5)	4	3	7	(1.6)						
	SPA Total	-	3	3	(4.1)	22	23	45	(6.4)	12	11	23	(5.4)						
UNKNOWN SPA	District																		
	Long Beach	-	-	-	-	2	4	6	(0.8)	4	2	6	(1.4)						
	Other/Unknown	-	1	1	(1.3)	4	4	8	(1.1)	7	16	23	(5.4)						
	SPA Total	-	1	1	(1.3)	6	8	14	(1.9)	11	18	29	(6.8)						

## Early Syphilis Surveillance Summary, Los Angeles County as of 03/31/03

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Table J: MSM <sup>a</sup> General Demographics	2003				2002 (YTD)				2002 (Provisional)				2001					
	P&S		Early Latent		Total ES		P&S		Early Latent		Total ES		P&S		Early Latent		Total ES	
	N	N	N	%	N	%	N	N	N	%	N	%	N	N	N	%	N	%
	N	N	N	%	N	%	N	N	N	%	N	%	N	N	N	%	N	%
Morbidity																		
Total	13	17	30	(100.0)	48	48	96	(100.0)	263	218	501	(100.0)	137	90	227	(100.0)		
Sexual Orientation																		
MSM	13	15	28	(93.3)	44	45	89	(92.7)	257	206	463	(92.4)	125	84	209	(92.0)		
MSMW	-	2	2	(6.6)	4	3	7	(7.2)	26	12	38	(7.5)	10	5	15	(6.6)		
TG/STG	-	-	-	(0.0)	-	-	-	(0.0)	-	-	-	(0.0)	2	1	3	(1.1)		
HIV Positive <sup>a</sup>																		
Yes	8	7	15	(50.0)	25	30	55	(57.1)	166	133	299	(59.5)	70	53	123	(54.1)		
No	5	7	12	(40.0)	13	9	22	(21.9)	87	52	139	(27.7)	39	17	56	(24.6)		
Unknown	-	3	3	(10.0)	10	9	19	(19.1)	30	33	63	(12.5)	28	20	48	(21.1)		
Race/Ethnicity																		
White	7	10	17	(56.6)	26	18	44	(45.8)	145	92	237	(47.3)	59	25	84	(37.0)		
Afr.-Amer.	1	3	4	(13.3)	3	4	7	(7.2)	33	18	51	(10.1)	20	9	29	(12.7)		
Latino/a	3	3	6	(20.0)	16	24	40	(41.6)	88	94	182	(36.3)	52	47	99	(43.6)		
Asian/Pac. Is.	1	1	2	(6.6)	1	2	3	(3.1)	9	7	16	(3.1)	5	4	9	(3.9)		
Am.Ind./Alas.Nat.	-	-	-	(0.0)	-	-	-	(0.0)	1	1	2	(0.3)	-	1	1	(0.4)		
Other/Mixed	1	-	1	(3.3)	-	-	-	(0.0)	-	-	-	(0.0)	1	-	1	(0.4)		
Unknown	-	-	-	(0.0)	2	-	2	(2.0)	7	6	13	(2.5)	-	4	4	(1.7)		
Age Group																		
<15	-	-	-	(0.0)	-	-	-	(0.0)	1	-	1	(0.1)	-	-	-	(0.0)		
15-19	-	-	-	(0.0)	-	-	-	(0.0)	3	5	8	(1.5)	4	1	5	(2.2)		
20-24	2	2	4	(13.3)	2	8	10	(10.4)	22	19	41	(8.1)	13	5	18	(7.9)		
25-29	3	2	5	(16.6)	14	4	18	(18.7)	35	22	57	(11.3)	21	14	35	(15.4)		
30-34	2	2	4	(13.3)	8	10	18	(18.7)	54	48	102	(20.3)	26	22	48	(21.1)		
35-39	1	5	6	(20.0)	9	10	19	(19.7)	72	48	120	(23.9)	38	23	61	(26.8)		
40-44	3	3	6	(20.0)	9	7	16	(16.6)	53	44	97	(19.3)	20	15	35	(15.4)		
45-49	2	3	5	(16.6)	4	5	9	(9.1)	26	15	41	(8.1)	9	4	13	(5.7)		
50-54	-	-	-	(0.0)	2	3	5	(5.2)	11	12	23	(4.5)	5	2	7	(3.0)		
55-59	-	-	-	(0.0)	-	1	1	(1.0)	4	4	8	(1.5)	1	3	4	(1.7)		
60+	-	-	-	(0.0)	-	-	-	(0.0)	2	1	3	(0.5)	-	1	1	(0.4)		

<sup>a</sup> MSM includes gay and bisexual men, M to F transgenders, and men who have sex with M to F transgenders

## Early Syphilis Surveillance Summary, Los Angeles County as of 03/31/03

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Table 4: General Demographics - Female	2003				2002 (YTD)				2002 (Provisional)				2001			
	P&S	Early Latent	Total ES		P&S	Early Latent	Total ES		P&S	Early Latent	Total ES		P&S	Early Latent	Total ES	
	N	N	N	%	N	N	N	%	N	N	N	%	N	N	N	%
<b>Morbidity</b>																
Total	3	6	9	(100.0)	5	13	18	(100.0)	19	43	62	(100.0)	12	57	69	(100.0)
<b>Sexual Orientation</b>																
WSM	2	4	6	(66.6)	4	9	13	(72.2)	17	34	51	(82.2)	8	47	55	(79.7)
WSW	-	-	-	(0.0)	-	-	-	(0.0)	-	-	-	(0.0)	-	2	2	(2.0)
WSWM	-	-	-	(0.0)	-	-	-	(0.0)	-	-	-	(0.0)	-	1	1	(1.4)
Unknown	1	2	3	(33.3)	1	4	5	(27.7)	2	9	11	(17.7)	4	7	11	(15.9)
<b>HIV Positive<sup>1</sup></b>																
Yes	-	-	-	(0.0)	-	-	-	(0.0)	-	2	2	(3.2)	-	2	2	(2.0)
No	2	1	3	(33.3)	3	6	9	(50.0)	15	23	38	(61.2)	4	26	30	(43.4)
Unknown	1	5	6	(66.6)	2	7	9	(50.0)	4	18	22	(35.4)	8	29	37	(53.6)
<b>Race/Ethnicity</b>																
White	-	1	1	(11.1)	-	2	2	(11.1)	1	3	4	(6.4)	3	4	7	(10.1)
Afr.-Amer.	-	1	1	(11.1)	2	2	4	(22.2)	11	11	22	(35.4)	4	10	14	(20.2)
Latino/a	3	2	5	(55.5)	3	8	11	(61.1)	7	26	33	(53.2)	4	42	46	(65.5)
Asian/Pac. Is.	-	1	1	(11.1)	-	1	1	(5.5)	-	2	2	(3.2)	-	-	-	(0.0)
Am. Ind./Alas. Nat.	-	-	-	(0.0)	-	-	-	(0.0)	-	1	1	(1.6)	-	-	-	(0.0)
Unknown	-	1	1	(11.1)	-	-	-	(0.0)	-	-	-	(0.0)	1	1	2	(2.8)
<b>Age Group</b>																
<15	-	-	-	(0.0)	-	-	-	(0.0)	-	-	-	(0.0)	-	3	3	(4.3)
15-19	-	-	-	(0.0)	-	1	1	(5.5)	1	3	4	(6.4)	1	7	8	(11.5)
20-24	-	5	5	(55.5)	1	5	6	(33.3)	2	14	16	(25.8)	1	9	10	(14.4)
25-29	1	1	2	(22.2)	-	2	2	(11.1)	1	5	6	(9.5)	3	6	9	(13.0)
30-34	-	-	-	(0.0)	1	-	1	(5.5)	4	5	9	(14.5)	1	12	13	(18.9)
35-39	-	-	-	(0.0)	2	2	4	(22.2)	5	6	11	(17.7)	-	11	11	(15.9)
40-44	-	-	-	(0.0)	-	-	-	(0.0)	1	5	6	(9.5)	2	3	5	(7.2)
45-49	1	-	1	(11.1)	1	2	3	(16.6)	3	2	5	(8.0)	3	4	7	(10.1)
50-54	-	-	-	(0.0)	-	-	-	(0.0)	2	1	3	(4.8)	-	1	1	(1.4)
55-59	-	-	-	(0.0)	-	-	-	(0.0)	-	1	1	(1.6)	-	-	-	(0.0)
60+	1	-	1	(11.1)	-	1	1	(5.5)	-	1	1	(1.6)	1	1	2	(2.8)
<b>Prenatal/Pregnant</b>																
YES	-	2	2	(22.2)	-	-	-	(0.0)	1	4	5	(8.0)	1	4	5	(7.2)
NO	2	-	2	(22.2)	3	5	8	(44.4)	15	18	33	(53.2)	-	11	11	(15.9)
UNKNOWN	1	4	5	(55.5)	2	8	10	(55.5)	3	21	24	(38.7)	11	42	53	(75.8)

<sup>1</sup> MSM includes gay and bisexual men, M to F transgenders, and men who have sex with M to F transgenders

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Table 5. General Demographics - Heterosexual Men <sup>1</sup>	2003				2002 (YTD)				2002 (Provisional)				2001					
	P&S		Early Latent		Total ES		P&S		Early Latent		Total ES		P&S		Early Latent		Total ES	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
<b>Morbidity</b>																		
Total	5	4	9	(100.0)	11	9	20	(100.0)	29	42	71	(100.0)	30	43	73	(100.0)		
<b>Sexual Orientation</b>																		
MSW	5	4	9	(100.0)	11	9	20	(100.0)	29	42	71	(100.0)	30	43	73	(100.0)		
<b>HIV Positive<sup>2</sup></b>																		
Yes	-	-	-	(0.0)	1	-	1	(5.0)	6	1	7	(9.8)	-	3	3	(4.1)		
No	5	4	9	(100.0)	8	8	11	(55.0)	18	25	43	(60.5)	19	27	46	(61.0)		
Unknown	-	-	-	(0.0)	4	4	8	(40.0)	5	16	21	(29.5)	11	13	24	(32.8)		
<b>Race/Ethnicity</b>																		
White	2	-	2	(22.2)	-	-	-	(0.0)	7	3	10	(14.0)	4	4	8	(10.9)		
Afr.-Amer.	1	2	3	(33.3)	4	3	7	(35.0)	10	13	23	(32.1)	7	6	13	(17.8)		
Latino	2	2	4	(44.4)	6	5	11	(55.0)	9	24	33	(46.4)	17	32	49	(67.1)		
Asian/Pac. Is.	-	-	-	(0.0)	1	1	2	(10.0)	2	2	4	(5.6)	1	1	2	(2.7)		
Unknown	-	-	-	(0.0)	-	-	-	(0.0)	1	-	1	(1.4)	1	-	1	(1.3)		
<b>Age Group</b>																		
15-19	-	-	1	(11.1)	1	-	1	(5.0)	2	4	6	(8.4)	2	1	3	(4.1)		
20-24	1	1	2	(22.2)	2	1	3	(15.0)	4	7	11	(15.4)	4	3	7	(9.5)		
25-29	1	2	3	(33.3)	2	1	3	(15.0)	4	8	12	(16.9)	2	9	11	(15.0)		
30-34	2	-	2	(22.2)	-	1	1	(5.0)	3	4	7	(9.8)	8	9	17	(23.2)		
35-39	-	-	-	(0.0)	1	3	4	(20.0)	6	7	13	(18.3)	6	8	14	(19.1)		
40-44	-	-	-	(0.0)	1	1	2	(10.0)	3	5	8	(11.2)	2	5	7	(9.5)		
45-49	-	-	-	(0.0)	-	1	1	(5.0)	1	2	3	(4.2)	5	4	9	(12.3)		
50-54	1	-	1	(11.1)	3	-	3	(15.0)	4	2	6	(8.4)	1	2	3	(4.1)		
55-59	-	-	-	(0.0)	1	1	2	(10.0)	1	2	3	(4.2)	-	1	1	(1.3)		
60+	-	-	-	(0.0)	-	-	-	(0.0)	1	1	2	(2.8)	-	1	1	(1.3)		

<sup>1</sup> Heterosexual men are male cases who did not report having male or M to F transgender sex partners.



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Table 6: Behavioral Risk Factors by Sexual Orientation <sup>1</sup>	2003						2002 (Provisional)					
	MSM & MSMW		MSW		All Female		MSM & MSMW		MSW		All Female	
	N	%	N	%	N	%	N	%	N	%	N	%
<b>Anal Insertive</b>												
Yes	10	(55.6)	2	(28.6)	0	(0.0)	336	(83.4)	5	(7.3)	0	(0.0)
No	5	(27.8)	3	(42.9)	2	(50.0)	71	(17.6)	42	(55.7)	37	(77.0)
Unknown	3	(16.6)	2	(28.6)	2	(50.0)	77	(18.9)	21	(27.8)	11	(22.3)
<b>Anal Receptive</b>												
Yes	11	(61.1)	0	(0.0)	0	(0.0)	326	(67.3)	0	(0.0)	7	(14.3)
No	5	(27.8)	3	(42.9)	2	(50.0)	77	(18.9)	45	(58.4)	30	(61.5)
Unknown	2	(11.1)	2	(28.6)	2	(50.0)	81	(19.7)	23	(29.8)	11	(22.3)
<b>Oral Sex</b>												
Yes	17	(94.4)	5	(71.4)	1	(25.0)	395	(81.6)	33	(42.5)	20	(41.6)
No	0	(0.0)	0	(0.0)	1	(25.0)	18	(4.5)	16	(20.5)	17	(35.4)
Unknown	1	(5.6)	2	(28.6)	2	(50.0)	71	(17.6)	19	(24.9)	11	(22.3)
<b>Vaginal Sex</b>												
Yes	2	(11.1)	7	(100.0)	4	(100.0)	34	(7.0)	59	(76.7)	47	(97.9)
No	14	(77.8)	0	(0.0)	0	(0.0)	390	(80.5)	3	(4.4)	0	(0.0)
Unknown	2	(11.1)	0	(0.0)	0	(0.0)	60	(12.3)	6	(8.8)	1	(2.0)
<b>Anonymous Partners</b>												
Yes	12	(66.7)	3	(42.9)	0	(0.0)	321	(66.3)	23	(29.8)	2	(4.1)
No	4	(22.2)	3	(42.9)	0	(0.0)	86	(17.7)	29	(37.4)	36	(75.0)
Unknown	2	(11.1)	1	(14.3)	4	(100.0)	77	(15.3)	16	(20.5)	10	(20.8)
<b>Condom Used<sup>2</sup></b>												
Yes	3	(16.7)	1	(14.3)	0	(0.0)	108	(22.3)	15	(19.5)	6	(12.5)
No	13	(72.2)	5	(71.4)	2	(50.0)	253	(52.2)	33	(42.5)	35	(72.9)
Unknown	2	(11.1)	1	(14.3)	2	(50.0)	123	(25.4)	20	(25.4)	7	(14.5)
<b>Incarcerated Past Year</b>												
Yes	2	(11.1)	3	(42.9)	0	(0.0)	14	(2.8)	6	(8.8)	2	(4.1)
No	11	(61.1)	2	(28.6)	1	(25.0)	333	(68.0)	33	(42.5)	23	(47.9)
Unknown	5	(27.8)	2	(28.6)	3	(75.0)	137	(28.3)	29	(37.4)	23	(47.9)
<b>IV Drug User</b>												
Yes	1	(5.6)	0	(0.0)	0	(0.0)	14	(2.8)	0	(0.0)	1	(2.0)
No	15	(83.3)	6	(85.7)	2	(50.0)	391	(80.7)	57	(73.8)	39	(81.2)
Unknown	2	(11.1)	1	(14.3)	2	(50.0)	79	(16.3)	11	(14.3)	8	(16.8)
<b>Non-IV Drug User</b>												
Yes	6	(33.3)	2	(28.6)	0	(0.0)	102	(21.0)	12	(15.6)	5	(10.4)
No	8	(44.4)	5	(71.4)	3	(75.0)	297	(61.3)	42	(53.8)	34	(70.8)
Unknown	4	(22.2)	0	(0.0)	1	(25.0)	85	(17.3)	14	(18.2)	9	(18.7)

<sup>1</sup> Behavioral risk information is available starting in 2001 and includes closed cases only. Does not include cases with no information on sexual partners  
<sup>2</sup> Condom was used at last intercourse



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Table 7 Venue Risk by Sexual Orientation*	2003						2002 (Provisional)					
	MSM & MSMW		MSW		All Female		MSM & MSMW		MSW		All Female	
	N	%	N	%	N	%	N	%	N	%	N	%
<b>Bars and Clubs</b>												
Yes	8	(44.4)	1	(14.3)	-	(0.0)	174	(33.3)	11	(14.3)	3	(6.2)
No	8	(44.4)	3	(42.9)	1	(25.0)	206	(42.5)	39	(57.3)	36	(75.0)
Unknown	2	(11.1)	3	(42.9)	3	(75.0)	104	(21.4)	18	(24.4)	9	(18.7)
<b>Bathhouses/ Sex Clubs</b>												
Yes	3	(15.5)	-	(0.0)	-	(0.0)	110	(22.7)	-	(0.0)	-	(0.0)
No	11	(54.1)	3	(42.9)	1	(25.0)	262	(54.1)	45	(66.1)	37	(77.0)
Unknown	4	(22.2)	4	(57.1)	3	(75.0)	112	(23.1)	23	(33.8)	11	(22.9)
<b>Motels</b>												
Yes	-	(0.0)	-	(0.0)	-	(0.0)	9	(1.8)	2	(2.9)	2	(4.1)
No	13	(72.2)	3	(42.9)	1	(25.0)	348	(71.9)	42	(61.7)	35	(72.9)
Unknown	5	(27.7)	4	(57.1)	3	(75.0)	127	(26.2)	24	(35.2)	11	(22.9)
<b>Streets</b>												
Yes	1	(5.5)	1	(14.3)	-	(0.0)	26	(5.3)	13	(19.1)	3	(6.2)
No	12	(66.6)	2	(28.6)	1	(25.0)	333	(68.8)	35	(51.4)	34	(70.8)
Unknown	5	(27.7)	4	(57.1)	3	(75.0)	125	(25.8)	20	(29.4)	11	(22.9)
<b>Internet</b>												
Yes	2	(11.1)	-	(0.0)	-	(0.0)	75	(15.4)	-	(0.0)	-	(0.0)
No	11	(61.1)	3	(42.9)	1	(25.0)	289	(59.7)	45	(66.1)	37	(77.0)
Unknown	5	(27.7)	4	(57.1)	3	(75.0)	120	(24.7)	23	(33.8)	11	(22.9)
<b>Parks</b>												
Yes	-	(0.0)	-	(0.0)	-	(0.0)	25	(5.1)	-	(0.0)	-	(0.0)
No	13	(72.2)	3	(42.9)	1	(25.0)	331	(68.3)	45	(66.1)	37	(77.0)
Unknown	5	(27.7)	4	(57.1)	3	(75.0)	128	(26.4)	23	(33.8)	11	(22.9)
<b>Other Venue</b>												
Yes	2	(11.1)	2	(28.6)	-	(0.0)	82	(16.9)	11	(16.1)	3	(6.2)
No	10	(55.5)	1	(14.3)	1	(25.0)	257	(53.0)	30	(44.1)	34	(70.8)
Unknown	6	(33.3)	4	(57.1)	3	(75.0)	145	(29.9)	27	(39.7)	11	(22.9)
<b>Total</b>	18	(100.0)	7	(100.0)	4	(100.0)	484	(100.0)	68	(100.0)	48	(100.0)

\* Had sex or met sex partners at defined venues during the period when syphilis infection likely occurred (critical period).

\* Venue risk information is available starting in 2001 and includes closed cases only. Does not include cases with no information on sexual partners.